

ALABAMA DEPARTMENT OF TRANSPORTATION

THE VACUUM PUMP SHALL BE IN COMPLIANCE WITH AASHTO T209

The vacuum pump must be capable of evacuating air from the vacuum container to a residual pressure of less than 4.0 kPa (30 mm hg).

The free air displacement shall be a minimum of 1.2 cfm or 35 liters/minute with ultimate Torr pressure 1.5×10^{-2}

The overall dimensions shall be no more than 20" x 10" x 11" with a pump rpm of 750 and 1/3 horse power motor. Oil capacity shall be 0.5 quart

7/16" tubing needed-20 feet

Intake, nipple thread: 3/4-20

Exhaust, thread type: 3/4-20

The weight shall be no more than 60 pounds

Power supply:

115v, 60 Hz, 1 ph with 115v plug

All models shall be new.